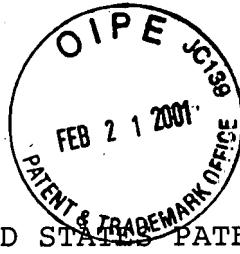


684.1220 C/D/CII/D



CERTIFICATE

MAR 01 2001

C of C
PATENT

OF CORRECTION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MAKIKO KIMURA, ET AL.

Appl. No.: 08/949,529

Filed: October 14, 1997

For: INK JET APPARATUS

U.S. Patent No.: 6,059,400

Issued: May 9, 2000

) : Examiner: M. Brooke

) : Group Art Unit: 2853

) : APPROVED

) :
APR 12 2001
FOR THE DIRECTOR OF USPTO

) : February 20, 2001

Commissioner for Patents
Washington, D.C. 20231

PUBLISH

CERTIFICATE OF CORRECTION UNDER RULES 322 AND 323

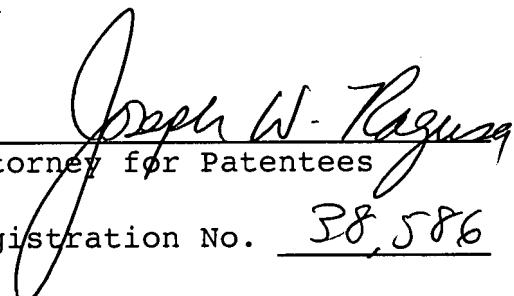
Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

Accompanying this letter is a check for \$100.00
to cover the statutory fee for such Certificate of
Correction.

Patentees' undersigned attorney may be reached
in our New York office by telephone at (212) 218-2100. All
correspondence should continue to be directed to our below
listed address.

Respectfully submitted,



Attorney for Patentees
Registration No. 38,586

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
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145982v1

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CERTIFICATE OF CORRECTION

PATENT NO. : 6,059,400

DATED : May 9, 2000

INVENTOR(S) : MAKIKO KIMURA, ET AL

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE:

[56] References Cited, under FOREIGN PATENT DOCUMENTS

"5-45163" should read --59-45163--.

COLUMN 1:

Line 15, "apparatus;" should read --apparatus---;
Line 35, "head," should read --head---;
Line 40, "bounced" should read --bounce--; and
Line 52, "the residual" should read --residual--; and
"orifice" should read --the orifice---.

COLUMN 2:

Line 35, "sufficient" should read --a sufficient--; and
Line 36, "case." should read --cases---.

COLUMN 3:

Line 19, "FIGS. 11(A-C)" should read --FIGS. 11A to 11C--;
Line 44, "supporting" should read --a supporting--; and
Line 49, "heat IJH," should read --head IJH---.

COLUMN 5:

Line 55, "to" should be deleted.

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Page 2 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 6:

Line 4, "water repellent" should read --water-repellent--.

COLUMN 7:

Line 45, "take" should read --takes--.

COLUMN 8:

Line 20, "inconventional device," should read
--in conventional devices,--;

Line 31, "is" should read --are--; and

Line 36, "combined" should read --combined with--.

COLUMN 10:

Line 12, "clutch" should read --a clutch--;

Line 43, "reaches" should read --reach--; and

Line 58, "form" should read --from--.

COLUMN 11:

Line 7, "smooth" should be deleted;

Line 10, "marginaly" should read --marginal--; and

Line 50, "embodiment 3." should read --Embodiment 3.--.

COLUMN 12:

Line 22, "FIG. 10" should read --FIG. 10,--;

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Page 3 of 5

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COLUMN 12: (cont.)

Line 34, "has" should read --does--;
Line 36, "does" should read --has--; and
Line 60, "Figure C," should read --FIG. 11C,--.

COLUMN 14:

Line 13, "method" should read --a method--;
Line 26, "a" (first occurrence) should read --an--;
Line 43, "have" should read --has--;
Line 53, "100 the" should read --100 to the--; and
Line 61, "02," should read --@2,--.

COLUMN 15:

Line 37, "Angle 0" should read --Angle Θ--.

COLUMN 17:

Line 2, "manner." should read --manners.--; and
Line 57, "wiped" should read --be wiped--.

COLUMN 18:

Line 67, "port 2 a" should read --port 2a--.

COLUMN 19:

Line 13, "and the" should read --and its--;

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DATED : May 9, 2000

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Page 4 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 19: (cont.)

Line 30, "aligned" should read --are aligned--;
Line 48, "penetrate" should read --penetrates--;
Line 52, "grooves 3a" should read --grooves 3A--; and
Line 65, "grooves 3a" should read --grooves 3A--.

COLUMN 20:

Line 1, "grooves 3a" should read --grooves 3A--;
Line 10, "embodiment," should read --embodiments,--;
Line 37, "of" should read --are--;
Line 41, "system" should read --system;--;
Line 47, "provide" should read --provided--; and
Line 51, "the the" should read --the--.

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COLUMN 22:

Line 40, "comprising;" should read --comprising:--.

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